

CONFIDENTIAL



## NEW ELECTRONICS EQUIPMENT NORTH VIETNAM

MOBILE FIX EIGHT D/F SITE

21-06N 105-38E

LO-1800 VAN TRUCKS

21-02N 105-41E

PROBABLE ELECTRONICS INSTALLATION

20-49N 105-53E

UNIDENTIFIED  
OBJECT

VAN TRUCK  
VAN TRAILER

26 LO-1800 VAN TRUCKS  
13 UTILITY TRAILERS

M-6453 (5/69) NPIC

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**SECRET**

**NO FOREIGN DISSEM**

**(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER**

REFERENCE:

[REDACTED]

ATTACHMENT TO M-6453  
7 MAY 1969  
PAGE 1

25X1

**NEW ELECTRONICS EQUIPMENT  
NORTH VIETNAM**

1. SIGNIFICANCE: THIS BRIEFING BOARD DEPICTS ELECTRONICS EQUIPMENT OBSERVED FOR THE FIRST TIME IN NORTH VIETNAM.
2. LOCATION: HANOI AREA, NORTH VIETNAM
3. MISSION READOUT: LOW LEVEL DRONE PHOTOGRAPHY OF APRIL 1969 REVEALS ELECTRONICS EQUIPMENT AT THREE SEPARATE LOCATIONS IN NORTH VIETNAM.

MISSION [REDACTED] REVEALS TWENTY-SIX LO-1800 VAN TRUCKS  
AND 13 UTILITY TRAILERS PARKED AT THE HANOI INTERNATIONAL RADIO RECEIVING  
STATION, SON DONG. THE LO-1800 VAN TRUCK HAS BEEN ASSOCIATED WITH THE  
RVG950 VHF RADIO RELAY EQUIPMENT [REDACTED] IT HAS BEEN FURTHER  
REPORTED THAT EAST GERMANY IS PROVIDING RVG950 EQUIPMENT TO NORTH VIETNAM.  
THE RVG950 EQUIPMENT PERMITS TRANSMISSION OF FIVE TELEPHONE CHANNELS OR ONE  
BROADCAST PROGRAM CHANNEL. EMPLOYING A LOG-PERIODIC ANTENNA IT CAN BE USED  
FOR LINE OF SIGHT DATA TRANSMISSION WITH A RANGE OF APPROXIMATELY 50 TO 60  
KILOMETERS.

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MISSION [REDACTED] REVEALS A MOBILE FIX EIGHT SITE CONSISTING OF  
AN EIGHT-MAST ADCOCK ANTENNA WITH THE MASTS EQUALLY SPACED IN A CIRCLE AND A  
CENTRAL SENSE ANTENNA MOUNTED ON AN ELECTRONICS VAN TRUCK. THE FIX EIGHT  
EQUIPMENT CAN BE USED FOR NAVIGATIONAL AID OR FOR RADIO SURVEILLANCE/INTER-  
CEPT PURPOSES.

25X1

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GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

**SECRET**

**NO FOREIGN DISSEM**

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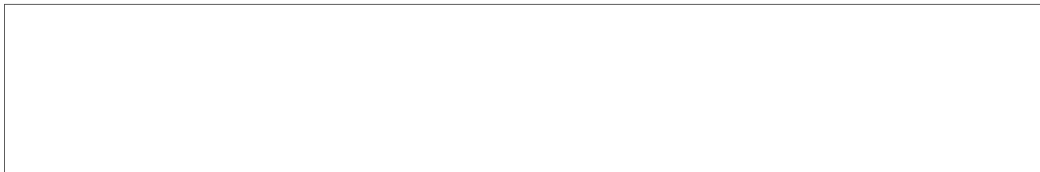
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MISSION  REVEALS A PROBABLE ELECTRONICS INSTALL-  
ATION CONSISTING OF TWO IDENTICAL GROUPS OF VEHICLES. EACH GROUP CONTAINS  
A ROTATABLE CAMOUFLAGED VAN TRAILER CONNECTED BY CABLE TO TWO CAMOUFLAGED  
VAN TRUCKS WITH NO ANTENNAS VISIBLE. THE TWO VAN TRAILERS AT THIS INSTALL-  
ATION ARE SIMILAR TO THE VAN TRAILERS NORMALLY ASSOCIATED WITH SIDE NET  
RADAR, TOKEN FAMILY RADARS, AND THE CAKE SERIES OF HEIGHT FINDING RADARS.  
THE PRIMARY DIFFERENCE NOTED IN THE VANS IS THE PLACEMENT OF THE ACCESS DOOR  
FOR THE VAN. THIS DOOR IS USUALLY FOUND ON THE SIDE OF THE VAN NEAR ONE END.  
HOWEVER, THE TWO VAN TRAILERS AT THIS INSTALLATION HAVE A DOOR IN THE CENTER  
OF ONE SIDE.

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AN UNIDENTIFIED OBJECT BELIEVED TO BE A RECTANGULAR MAT, NET, OR PIECE  
OF CANVAS, IS LYING NEAR ONE OF THE VAN TRAILERS.

THESE VEHICLES WERE ALSO PRESENT IN LATE JANUARY 1969. THERE IS NO  
EVIDENCE ON EITHER MISSION OF LARGE ANTENNAS ON EITHER OF THE VANS.



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